

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	31	((("6406505") or ("3591888") or ("2794513") or ("4426211") or ("2183737") or ("6010561") or ("20020088078") or ("1176118"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 11:42
S2	21	((("6406505") or ("3591888") or ("2794513") or ("4426211") or ("2183737") or ("6010561") or ("20020088078"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 11:44
S3	0	A47L009/010.ipc.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:44
S4	183	A47L009/10.ipc.	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:45
S5	2312	A47L009/10.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 11:46
S6	2	"11076118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 11:46
S7	8	((("5230722") or ("6145160") or ("5946771") or ("20030167590") or ("6073302") or ("6626973") or ("6195835") or ("6640385"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:47
S8	1469	(15/327.1-327.7).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:09

## EAST Search History

S9	0	("3320727" "3621640" "3793813" "3856488" "4125386" "4426211" "4699641" "4705547" "6596044").PN.).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:09
S10	9	("3320727" "3621640" "3793813" "3856488" "4125386" "4426211" "4699641" "4705547" "6596044").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 14:09
S11	10	("20020184731"   "20030221277"   "3636681"   "3856488"   "4185976"   "4314385"   "4699641"   "5779745"   "5935279"   "6243912").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 12:15
S12	8	("2226630"   "2643733"   "3621640"   "3816983"   "4111670").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:45
S13	32	("4426211").URPN.	USPAT	OR	OFF	2006/09/19 14:49
S14	14	("2432757"   "3320727"   "3696591"   "4268288"   "5230722"   "5294218"   "5525396"   "5681363"   "5858038"   "5935279"   "6090174"   "6269518").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:53
S15	7538	filter same net	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:10
S16	11	S8 and filter same net	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:27
S17	19	("3621640").URPN.	USPAT	OR	OFF	2006/09/19 15:18
S18	12488	sponge and (net or mesh)	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:23
S19	7	S8 and sponge and (net or mesh)	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:23
S20	40	S8 and filter same mesh	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:27
S21	2	S8 and safety same lever	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:44
S22	9	15/347.ccls. and filter adj6 brush	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:51
S23	1372	15/347	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:51
S24	3304	(15/327.1-327.1,347,352,353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:52

## EAST Search History

S25	2255	S24 not bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:01
S26	97	S24 and bagless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:52
S27	517	S24 and (clip or hook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 16:05
S28	56	S24 and (clip or hook) same (groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 16:09
S29	9	"1377721"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 16:10
S30	1	"200272967"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 16:13
S31	3	"6913635"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 16:13

## EAST Search History

S32	7	("3425192"   "4593429"   "6026540"   "6289553"   "6341404"   "6712868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:15
S33	2	("20040205926" "3621640").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/20 15:34
S34	1518	(55/337,357).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:34
S35	979	S34 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:34
S36	988	S34 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 15:37
S37	29	S36 and bagless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 15:35
S38	732	S36 not bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 15:35
S39	6428	spring same cover same filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 12:16

## EAST Search History

S40	720	spring same cover same filter same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 12:16
S41	121	"15"/\$.ccls. and (spring same cover same filter same vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 12:16
S42	13	("2864462"   "3639939"   "4670937"   "4724574"   "4851019"   "4885013"   "4961765"   "5158635"   "5221303"   "5468272"   "5472460"   "5472465"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 12:39
S43	3470	(15/327.1-327.1,347,352,353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:38
S44	3470	(15/327.1-327.1,347,352,353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:39
S45	1178	(55/337).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:39
S46	1283	(55/337,353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:39

## EAST Search History

S47	147	S44 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:39
S48	4606	((15/327.1-327.1,347,352,353) or (55/337,353)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:39
S49	648	S48 and (lever or protrusion or projection)	US-PGPUB; USPAT	OR	OFF	2007/11/02 16:40
S50	2485	S48 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:40
S51	855	S48 and (lever or protrusion or projection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:40
S52	754	S50 and (lever or latch or clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/02 16:40
S53	874	S50 and (lever or latch or clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:41
S54	839	S53 and (protrusion or projection or exten\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:42

## EAST Search History

S55	94	S54 and bagless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:51
S56	3	"7144438"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 17:48

# Interference Search

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S57	1	(vacuum and brush and motor and body and tube and filter and lever and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:49
S58	1	(vacuum and brush and motor and filter and lever and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:49
S59	3	(vacuum and brush and motor and filter and latch and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S60	4	(vacuum and brush and motor and filter and snap and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S61	2	(vacuum and brush and motor and filter and lock\$3 and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S62	108883	(vacuum and filter housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S63	619	(vacuum and filter and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S64	200	(vacuum and filter and motor and housing).clm.	US-PGPUB	OR	ON	2007/11/02 17:50
S65	102	(vacuum and filter and housing and (lever or latch or lock\$3 or clasp\$3 or clip\$3)).clm.	US-PGPUB	OR	ON	2007/11/02 17:51
S66	58	(vacuum and filter and housing and (protrusion or projection)).clm.	US-PGPUB	OR	ON	2007/11/02 17:51